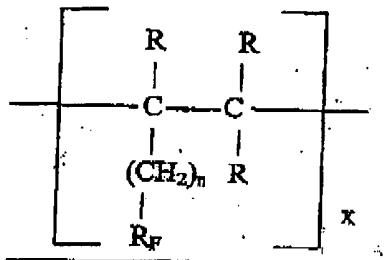


In re Appn. of: Udo Gross
Appn. No.: 10/018,398
Attorney docket: 740-X01-003

Group Art Unit: 1614



wherein

RF is a linear or branched perfluorinated alkyl chain C₂F₅ to C₁₂F₂₅,

R¹ and R² are R for each position is independently selected from the group H, CH₃, C₂H₅ and C₃H₇,

n is selected from the integers 0, 1 and 2, and

x is an integer from 2 to 6,

having a molecular weight of at least 750

to an eye as an ophthalmologic treating agent.

Claim 17 (previously presented): The method of claim 16 wherein the application to the eye is as one of a vitreous body substitute and a retina tamponade.

Claim 18 (previously presented): The method of claim 16 wherein the application to the eye is as a liquid implant.

Claim 19 (previously presented): The method of claim 16 wherein the application to the eye is as a tear substitute.

Claim 20 (previously presented): The method of claim 16 wherein pharmacological agents are mixed with the highly fluorinated oligomeric compound which acts as a carrier therefore before applying to the eye.

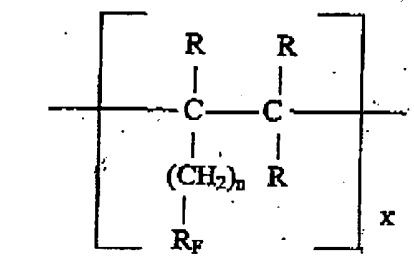
Claim 21 (previously presented): The method of claim 16 wherein a plurality of different ones of said highly fluorinated oligomeric compounds are mixed together before applying to the eye.

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Claim 22 (previously presented): The method of claim 16 wherein said highly fluorinated oligomeric compound is a component of a pharmacological preparation that is applied to the eye.

Claim 23 (currently amended): A method of caring for an eye comprising the step of applying at least one highly fluorinated oligomeric compound of the general formula



wherein

R_F is a linear or branched perfluorinated alkyl chain C₂F₅ to C₁₂F₂₅,

R₁ and R₂ are R for each position is independently selected from the group H, CH₃, C₂H₅ and C₃H₇,

n is selected from the integers 0, 1 and 2, and

x is an integer from 2 to 6,

having a molecular weight of at least 750

to an eye as an ophthalmologic caring agent.

Claim 24 (previously presented): The method of claim 23 wherein the application to the eye is as one of a vitreous body substitute and a retina tamponade.

Claim 25 (previously presented): The method of claim 23 wherein the application to the eye is as a liquid implant.

Claim 26 (previously presented): The method of claim 23 wherein the application to the eye is as a tear substitute.

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Claim 27 (previously presented): The method of claim 23 wherein pharmacological agents are mixed with the highly fluorinated oligomeric compound which acts as a carrier therefore before applying to the eye.

Claim 28 (previously presented): The method of claim 23 wherein a plurality of different ones of said highly fluorinated oligomeric compounds are mixed together before applying to the eye.

Claim 29 (previously presented): The method of claim 23 wherein said highly fluorinated oligomeric compound is a component of a pharmacological preparation that is applied to the eye.